

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT** ( Not for submission under 37 CFR 1.99)

|                        |                   |
|------------------------|-------------------|
| Application Number     | 10603341          |
| Filing Date            | 2003-06-25        |
| First Named Inventor   | Matthew O'Donnell |
| Art Unit               | 3735              |
| Examiner Name          | David M. Shay     |
| Attorney Docket Number | UOM 0274 PUSP     |

## **U.S. PATENTS**

[Remove](#)

| Examiner Initial* | Cite No | Patent Number | Kind Code <sup>1</sup> | Issue Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear |
|-------------------|---------|---------------|------------------------|------------|---|--|
| /d.m.s./          | 1       | 7367948       |                        | 2008-05-06 | O'Donnell et al.                                |  |
| /d.m.s./          | 2       | 5615675       |                        | 1997-04-01 | O'Donnell et al.                                |  |
| /d.m.s./          | 3       | 5732046       |                        | 1998-03-24 | O'Donnell et al.                                |  |
| /d.m.s./          | 4       | 5749364       |                        | 1998-05-12 | Sliwa et al.                                    |  |
| /d.m.s./          | 5       | 5810731       |                        | 1998-09-22 | Sarvazyan et al.                                |  |
| /d.m.s./          | 6       | 6165440       |                        | 2000-12-26 | Esenaliev                                       |  |
| /d.m.s./          | 7       | 6471968       |                        | 2002-10-29 | Baker et al.                                    |  |
| /d.m.s./          | 8       | 6546272       |                        | 2003-04-08 | MacKinnon et al.                                |  |

If you wish to add additional U.S. Patent citation information please click the Add button.

[Add](#)

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT** ( Not for submission under 37 CFR 1.99)

|                        |                   |
|------------------------|-------------------|
| Application Number     | 10603341          |
| Filing Date            | 2003-06-25        |
| First Named Inventor   | Matthew O'Donnell |
| Art Unit               | 3735              |
| Examiner Name          | David M. Shay     |
| Attorney Docket Number | UOM 0274 PUSP     |

| U.S.PATENT APPLICATION PUBLICATIONS  |         |   |                             |                        |   |  | Remove   |
|--|---------|---|-----------------------------|------------------------|---|--|--|
| Examiner Initial*  | Cite No | Publication Number  | Kind Code <sup>1</sup>      | Publication Date       | Name of Patentee or Applicant of cited Document | Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear |  |
|  | 1       |   |                             |                        |   |  |  |
| If you wish to add additional U.S. Published Application citation information please click the Add button. |         |   |                             |                        |   |  | Add  |
| FOREIGN PATENT DOCUMENTS   |         |   |                             |                        |   |  | Remove   |
| Examiner Initial*  | Cite No | Foreign Document Number <sup>3</sup>  | Country Code <sup>2</sup> i | Kind Code <sup>4</sup> | Publication Date                                | Name of Patentee or Applicant of cited Document                        | Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear |
|  | 1       |   |                             |                        |   |  |  |
| If you wish to add additional Foreign Patent Document citation information please click the Add button     |         |   |                             |                        |   |  | Add  |
| NON-PATENT LITERATURE DOCUMENTS  |         |   |                             |                        |   |  | Remove   |
| Examiner Initials*   | Cite No | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published. |                             |                        |   |  | T <sup>5</sup>   |
| /d.m.s./   | 1       | MILAS, SUSANNE M., ET AL., Acoustic Characterization of Microbubble Dynamics In Laser-Induced Optical Breakdown, IEEE Transactions on Ultrasonics, Ferroelectrics And Frequency Control, Vol. 50, No. 5, May 2003, pp. 517-522.                                 |                             |                        |   |  | <input type="checkbox"/>   |
| /d.m.s./   | 2       | MILAS, SUSANNE M., ET AL., Acoustic Detection of Microbubble Formation Induced By Enhanced Optical Breakdown of Silver/Dendrimer Nanocomposites, Applied Physics Letters, Vol. 82, No. 6, Feb. 10, 2003, pp. 994-996.   |                             |                        |   |  | <input type="checkbox"/>   |
| /d.m.s./   | 3       | O'DONNELL, M., ET AL., Acoustic Detection of Laser Induced Optical Breakdown In Dendrimer Nanocomposites: Implications For Site Targeted Molecular Diagnostics And Therapeutics, IEEE Ultrasonic Symposium, Oct. 8-11, 2002, pp. 1961-1964.                     |                             |                        |   |  | <input type="checkbox"/>   |
| /d.m.s./   | 4       | TOMITA, Y., ET AL., Behavior of Laser-Induced Cavitation Bubbles in Liquid Nitrogen, Journal of Applied Physics, Vol. 88, No. 10, Nov. 15, 2000, pp. 5593-6001.   |                             |                        |   |  | <input type="checkbox"/>   |

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

|                        |                   |
|------------------------|-------------------|
| Application Number     | 10603341          |
| Filing Date            | 2003-06-25        |
| First Named Inventor   | Matthew O'Donnell |
| Art Unit               | 3735              |
| Examiner Name          | David M. Shay     |
| Attorney Docket Number | UOM 0274 PUSP     |

|          |   |  |                          |
|----------|---|--|--------------------------|
| /d.m.s./ | 5 | VENUGOPALAN, VASAN, ET AL., Role of Laser-Induced Plasma Formation in Pulsed Cellular Microsurgery and Micromanipulation, Physical Review Letter, Vol. 88, No. 7, Feb. 18, 2002, pp. 078103-1-078103-4.i | <input type="checkbox"/> |
| /d.m.s./ | 6 | NOACK, JOACHIM, ET AL., Influence of Pulse Duration on Mechanical Effects After Laser-Induced Breakdown in Water, Journal of Applied Physics, Vol. 83, No. 12, Jun. 15, 1998, pp. 7488-7495.             | <input type="checkbox"/> |
| /d.m.s./ | 7 | YE, JING YONG, ET AL., Enhancement of Laser-Induced Optical Breakdown Using Metal/Dendrimer Nanocomposites, Applied Physics Letters, Vol. 80, No. 10, Mar. 11, 2002, pp. 1713-1715.                      | <input type="checkbox"/> |
| /d.m.s./ | 8 | DAYTON, PAUL A., ET AL., Optical And Acoustical Dynamics of Microbubble Contrast Agents Inside Neutrophils, Biophysical Journal, Vol. 80, Mar. 2001, pp. 1547-1556.                                      | <input type="checkbox"/> |
| /d.m.s./ | 9 | File History of 10/643,659, Filed 2003-08-19.  | <input type="checkbox"/> |

If you wish to add additional non-patent literature document citation information please click the Add button

**EXAMINER SIGNATURE**

|                    |              |                 |            |
|--------------------|--------------|-----------------|------------|
| Examiner Signature | /david shay/ | Date Considered | 07/05/2008 |
|--------------------|--------------|-----------------|------------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.